#### INTERNATIONAL SEARCH REPORT

ational Application No I/EP 01/12779

A. CLASSIFICATION OF SUBJECT IPC 7 H0407/38

C. DOCUMENTS CONSIDERED TO BE RELEVANT

According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

### EPO-Internal

Category °	Citation of document, with indication, where appropriate, of th	e relevant passages	Relevant to claim No.
Α	W0 00 08886 A (ERICSSON TELEFO 17 February 2000 (2000-02-17) page 6, line 25 -page 7, line	•	1-9,18, 19
A	US 5 534 876 A (ANDERSON NEAL   9 July 1996 (1996-07-09) column 5, line 40 -column 8, lifigures 3,4		10,18,19
A	EP 0 915 631 A (NOKIA MOBILE PI 12 May 1999 (1999-05-12) paragraph '0008! paragraph '0021! - paragraph paragraph '0032!	·	1,18
X Furth	ner documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.
"A" documer conside "E" earlier di filing da "L" documer which is citation "O" docume other m" "P" documer later this	nt which may throw doubts on priority claim(s) or scited to establish the publication date of another or other special reason (as specified) into referring to an oral disclosure, use, exhibition or neans not published prior to the international filing date but an the priority date claimed	<ul> <li>"T" later document published after the line or priority date and not in conflict with cited to understand the principle or the invention</li> <li>"X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an inventive step with one or mo ments, such combined with one or mo ments, such combination being obvious in the art.</li> <li>"&amp;" document member of the same patent in the control of the same patent in the control of the same patent in the control of the control of the same patent in the control of the contro</li></ul>	the application but sory underlying the laimed invention be considered to current is taken alone laimed invention rentive step when the re other such docusto to a person skilled family
	actual completion of the international search  2 August 2002	Date of mailing of the international sea	rch report
	nailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Schut, G	

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